KALCD22DVDAB

# USER MANUAL

# LCD TV

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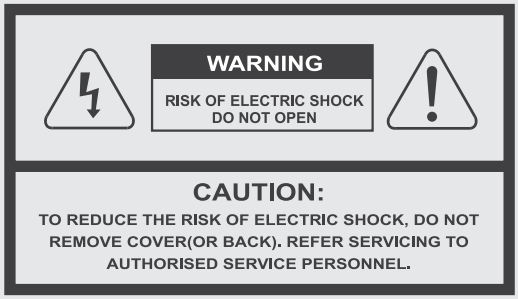
# 1.Safety precaution

Notes:


WARNING
RISK OF ELECTRIC SHOCK
DO NOT OPEN
CAUTION:
TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER(OR BACK). REFER SERVICING TO AUTHORISED SERVICE PERSONNEL.

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of insinuated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock

The exclamation point within an equilateral triangles is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

WARNING:

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

- Always power this product from an outlet with the same rating (voltage and frequency) as indicated on the rating label on the back of the product.
- If this product has been damaged (including cord or plug) take it to an authorised our service technician for inspection, and if necessary, repair.
- Turn off and disconnect the power cable before cleaning or storing this product.
- Ensure this product does not get wet.
- Only use the A/C power adapter supplied with your product.
- Do not place naked flames, such as lit candles on or near the product.
- Do not place objects filled with liquids, such as vases on or near the product.
- Do not install this product on top of other electrical equipment or on uneven surfaces.
- Do not use or store this product in a place where it is subject to direct sunlight, heat, excessive dust or vibration.
- Do not use this product with wet hands.
- Do not clean this product with water or other liquids.
- Do not block or cover the slots and holes in the product.
- Do not push foreign objects into the slots or holes in the product.
- The screen surface is easily scratched. Do not touch the screen with your hands or any hard object.
- Do not pull the power cord when disconnecting power. Turn off at the switch on the socket and pull the plug not the cord.
- Do not attempt to open this product yourself. There are no user serviceable parts inside.

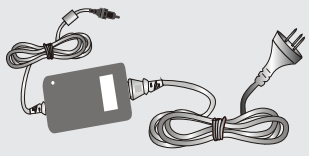
## SAFETY WARNINGS

- Before using this product, read and follow all warnings and instructions.
- This product is not intended for use by young children. Young children should be properly supervised.
- This product is intended for household use only and not for commercial or industrial use.
- Allow suitable distances around the product for sufficient ventilation.
- Ventilation should not be impeded by covering ventilation openings with items such as newspapers, table cloths, or curtains.
- Make sure the LCD TV stand is adjusted to a stable position. Damage caused by using this product in an unstable position or by failure to follow any other warning or precaution contained within this user manual will void warranty.

# 2.Accessories

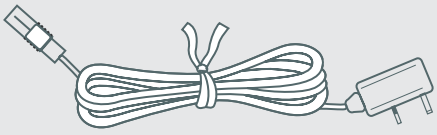
Check the accessories

(TV accessories)



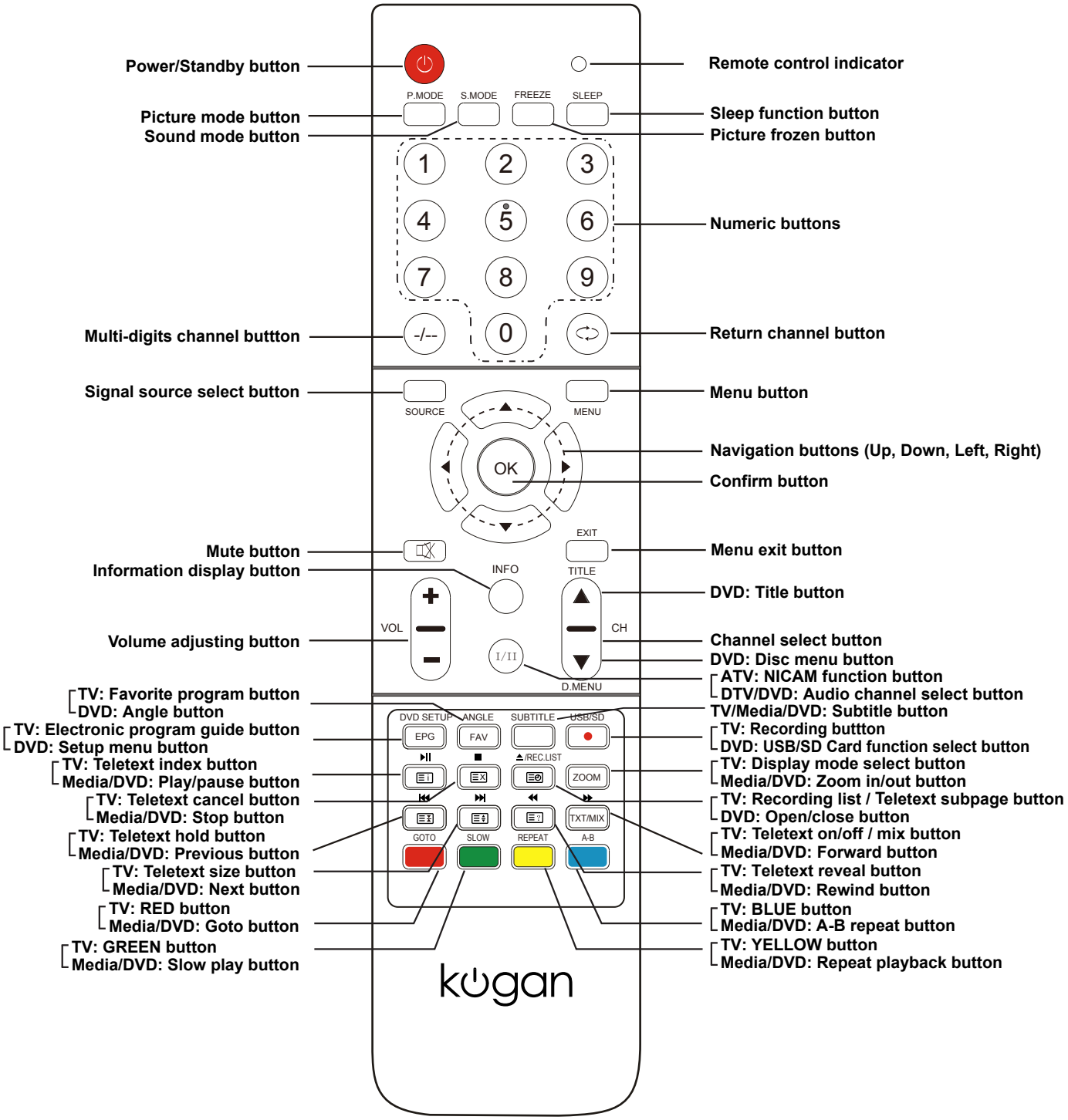
Power adapter

Remote control/batteries



Power cord

# 3.Remote control




* If there is light around the TV, the remote control may fail or work abnormally.
* If long time not to use the remote, please remove the battery.

# 4.Remote control functions

⏻/**POWER:** Power on/off button, press once to turn the TV on and press again to turn the TV off.
**P.MODE:** Picture mode button, setting the picture mode.
**S.MODE:** Sound mode button, setting the sound mode.
**I/II:** Press the I/II button to choose a different audio channel.
**SLEEP:** Sleep button, setting TV power off time.
**0,1-9:** TV channel selection button.
: Previous channel button , return to the previous channel watched.
**USB/SD:** Press the USB/SD button to choose USB or SD card function.
**FAV:** Press the FAV button to start the "Favorite List" for selecting your favorite program.
**SOURCE:** Signal source selection button (ATV/DTV/Media/AV/PC/Component/DVD/HDMI).
**MENU:** OSD menu button, to enter the TV setup menu.
▲/▼**(UP/Down):** Up and down button of the OSD menu. To change the OSD menu items.
◀/▶**(Left/Right):** Left and right button of the OSD menu. To select the OSD menu items .
**OK:** Confirm button, confirm all the changes and settings.
**INFO:** Press the INFO button for information.
**EXIT:** Press the EXIT to exit the operation.
**VOL+/-:** Volume adjusting button, to increase or decrease the volume.
**CH▲/▼:** Channel selection button, to increase or decrease channel.
**MUTE** : Mute button , press once to disable the audio and press again to enable the audio.
**ASPECT:** Press the ASPECT button to select the picture display ratio: Auto / 4:3 / 16:9 / Zoom 1 / Zoom 2 / Just Scan.
**EPG:** Press the EPG button for detailed information about the channel.
**AUTO:** Press the AUTO button to auto adjust items in PC mode.

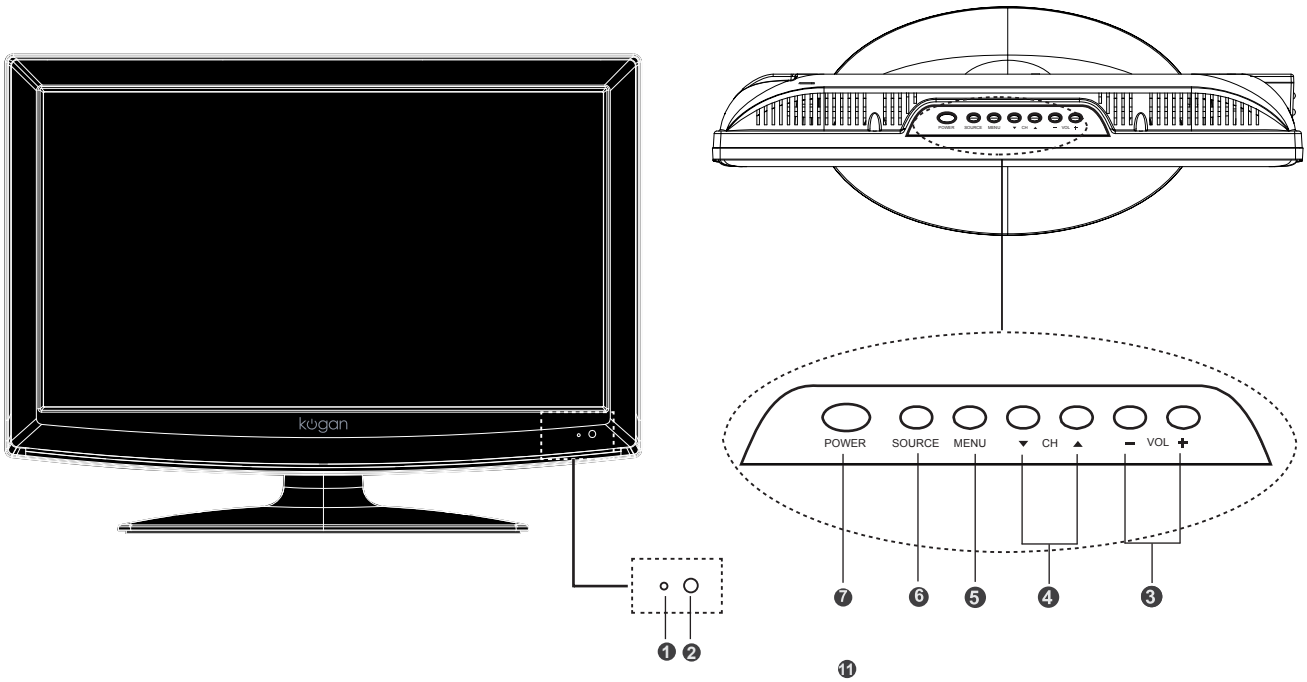
⏏ :Press OPEN / CLOSE button when power on，the disc tray is pushed out. Put the disc on the tray with the title faced Up. Press OPEN / CLOSE again to close the disc tray and the unit starts playing automatically. (Without auto—play funetion for JPEG discs).
⏯ :When playing the disc,press PLAY/PAUSE once to pause,Press PLAY/PAUSE again to return to normal play.
■ :When playing DVD,SVCD,VCD,CD disc,press STOP once,the unit will memorize the previous ending point.Press PLAY/PAUSE button to go on the play. Press STOP for the second time to stop the play and end the memory.
⏩ :Press ⏩ button for quick forward search.
⏪ :Press ⏪ button for quick rewind search.
⏭ :When playing DVD disc,press NEXT to the next chapter .when playing SVCD,CD disc,press NEXT to the next track.
⏮ :When playing DVD disc,press PREV to the previous chapter.when playing SVCD,VCD,CD disc,press PREV to the previous track.
**Slow**:When playing SVCD,VCD,DVD discs,press SLOW to select slow speed playing.press PLAY/PAUSE to resume normal play.
**TITLE**:When playing DVD disc,press TITLE to return the main title page.
**GOTO**: The GOTO button lets you instantly select a title, chapter or time, Use the navigate buttons to highlight the digit you want to change. After you entered the desired value, confirm your choice with the ENTER button.
**REPEAT** :press REPEAT button to repeat a title,chapter,track or the whole disc.When playing DVD disc,press REPEAT button continually,the TV screen shows chapter repeat,all repeat,repeat cancel in turn,when playing VCD,CD disc,the turn is track repeat,all repeat ,repeat cancel.when Playing Mp3 disc, the turn is one repeat, file repeat, repeat all, repeat cancel.
**SUBTITLE** (for DVD and Super VCD discs)
- Press the **SUBTITLE** button once to display current subtitle.
- Press again to toggle between different subtitle modes in sequence.

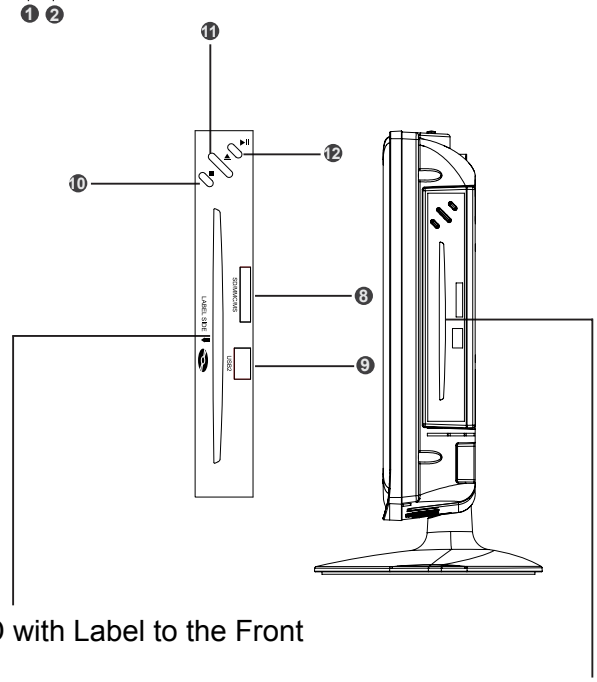
NOTE: For Multi-languages subtitle DVD & Super VCD discs, press the **SUBTITLE** button to select your favorite subtitle language.
**A-B:**When playing DVD,VCD ,CD disc, press A-B button to repeat a certain contents.Press A-B key on the start point(A) and the ending point(B) to select the repeat part.Press A-B the third time,cancel the A-B repeat and return to normal play.
**DVD SETUP**:Press DVD SETUP button to open setting menu.
**AUDIO**:Press AUDIO button to choose different audio channel.

**TTX**: press TTX to enter teletext state and display teletext page.If want to display image and teletext page at the same time, press this button again.If want to exit teletext state, press this button again.When teletext page is displayed on the screen, you can select relevant function by using the remote control. Press the TTX to start and exit Teletext.
**SUBPAGE:** is refer to the subpage of teletext page, i.e. subcode page. When it is pressed, the screen display the requirement of subpage code entry. If there is no subpage, it will not be displayed. In most case, there is no subpage.
**HOLD:** press it once to keep the display of the page, and press it again to exit hold state.
**CANCEL:** do not display the content of the page, but only the channel image. Press it again to display the content of the page again. or button on the remote control can be used to display the content of previous or next page.Number buttons on the remote control can be used to get to a certain page.Press the red, green, blue and yellow button on the remote control, the page of relevant color displayed on the lower part of the screen will be displayed.
**SIZE:** press it once to enlarge the content on the upper part of the page, and press it the second time to enlarge the content on the lower part of the page, and the third time to resume normal display of all the contents on the page.
**REVEAL:** Press it once to display the hide text, press it again to close the display of hide text.
**INDEX:** press it once to display the index for all the teletext page.
**FAST TEXT (For possible future reference):**The RED, GREEN, YELLOW & CYAN buttons are used for quick access to color coded pages transmitted by FAST TEXT broadcast.
Example: RED selects CITY INFORMATION,CYAN selects TRAVEL INFORMATION,GREEN selects WEATHER INFORMATION,YELLOW selects TV PROGRAMMING.

# 5.LCD TV panel overview

## TV Control Panel



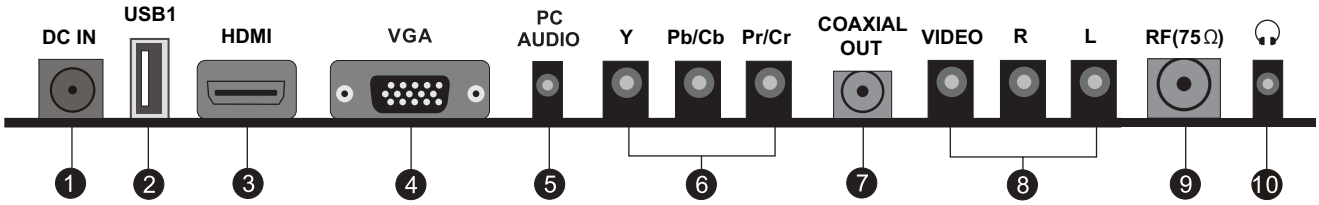




1. Power indicator.
2. Remote sensor.
3. Volume adjusting.
4. Channel selecting.
5. Main menu display.
6. Selecting exterior signal input.
7. Power on/off button.
8. SD/MMC/MS card slot.
9. USB2 port (Only available in DVD mode).
10. STOP button.
11. OPEN/CLOSE button.
12. PLAY/PAUSE button.

Insert DVD with Label to the Front

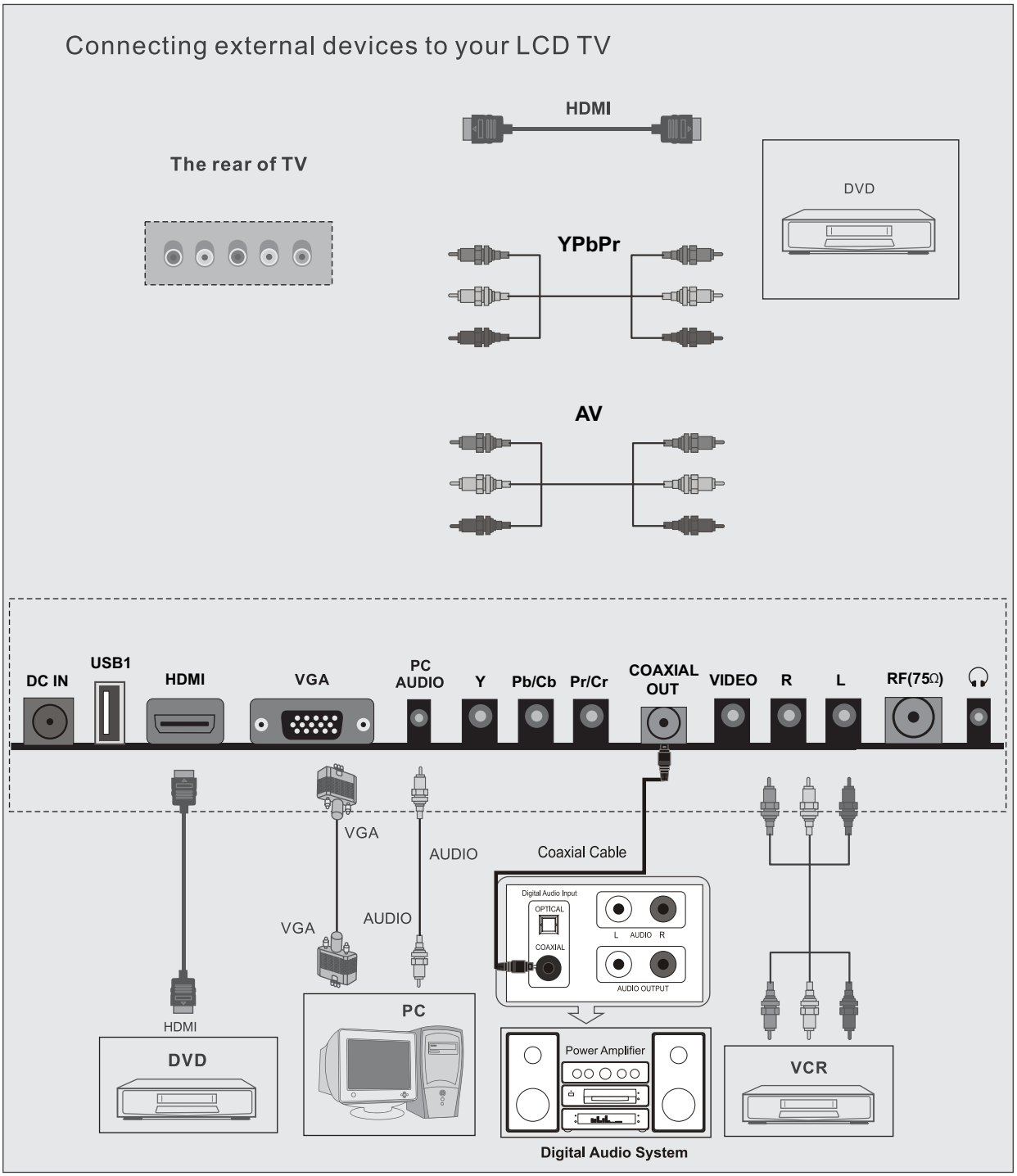
Insert DVD with Label to the Back

## TV Terminal connections




1. DC 12V power input.
2. USB1 input (Available for performing Media or PVR function).
3. HDMI input.
4. VGA input.
5. PC audio input.
6. Component video input terminals (Y Pb/Cb Pr/Cr).
7. Coaxial audio signal out plug.
8. Composite video & audio input terminals (AV).
9. Antenna input (75 Ohm VHF/UHF).
10. Headphone output.

# 6.Connecting to external devices

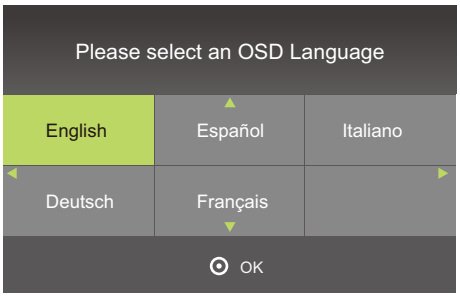



Notes:

VGA use a common PC AUDIO in.

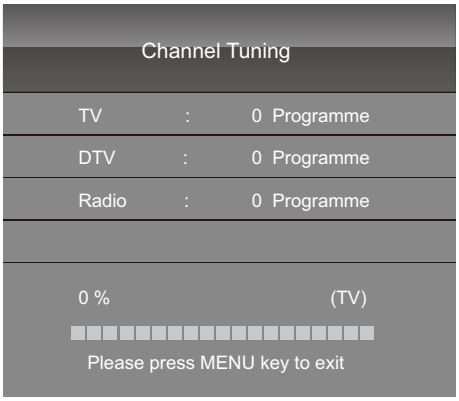
# 7.The OSD menus

## Menu Setup TV (First time installation wizard)




If this is the first time switch on, the First time installation menu will appear on the display.

**Language**
Press ▲/▼/◄/► button to select the desired language, then press OK button to enter the “Channel Tuning” screen. The original language of this TV is English.

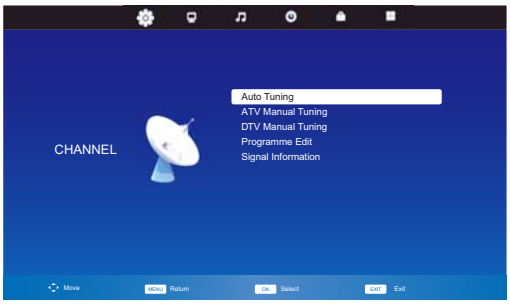



**Channel Tuning**
The TV will start searching channels automatically from the lowest frequency. When it finds a station, it will store this in the first location and move to the next. When auto tuning is completed, the TV will display the first station found.

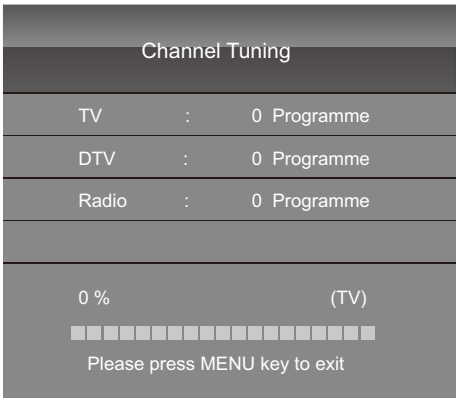
Press MENU or EXIT button to skip or cancel the tuning process.

## Menu Operation Under TV Input

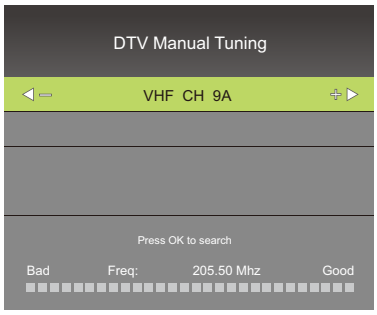
### 1 CHANNEL MENU



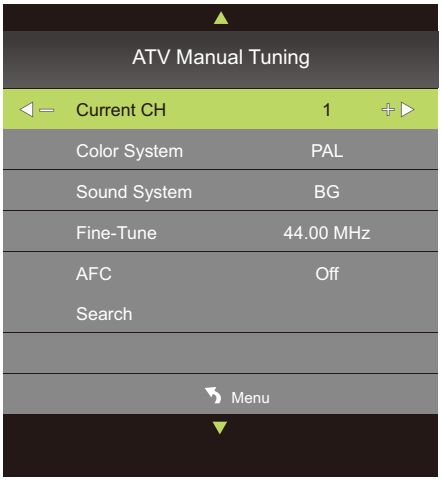

The image on the left depicts the channel menu.
The definition of each option:
**Auto Tuning:** Press ▲/▼ button to this position, then press ► or OK button to enter auto tuning of both ATV and DTV channels.
**DTV Manual Tuning:** Press ▲/▼ button to this position, then press ► or OK button to enter DTV Manual Tuning. It will scan current DTV (Digital TV) program within a frequency range accurately and store the result manually.
**ATV Manual Tuning:** Press ▲/▼ button to this position, then press ► or OK button to enter ATV Manual Tuning.
**Programme Edit:** Press ▲/▼ button to this position, then press ► or OK button to enter Programme Edit screen. You can do such editing operations as delete, rename, move, skip (sign/cancel the skip mark) and fav (add/delete to the favorite program list) for the selected channel in the available channel list when the “Programme Edit” is selected.
**Signal Information (For DTV only):** Press ▲/▼ button to this position, then press ► or OK button to enter Signal Information screen.



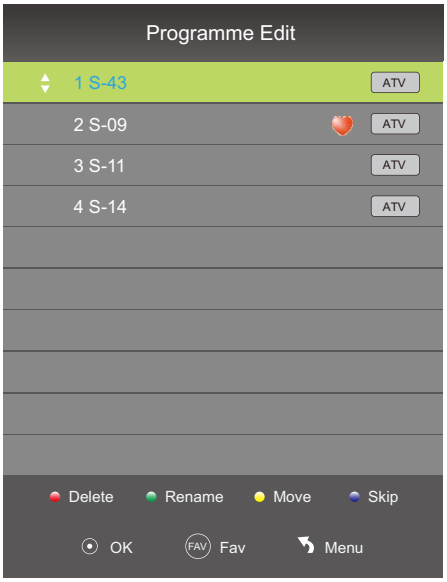

**Auto Tuning:** It will auto scan the channels automatically, and stop at the end of the channel search. The auto scan result stores in the internal memory automatically.




**DTV Manual Tuning:** Press ◄/► button to select channel, then press OK button to search programs.



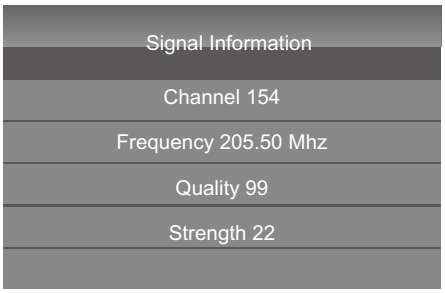

**ATV Manual Tuning:**
Current CH: Press ◄/► button to select the channel number you want to store.
Color System: Press ◄/► button to change the color system as Auto, SECAM, PAL.
Sound System: Press ◄/► button to change the sound system as DK, I, BG.
Fine-Tune: Press ◄/► button to scan current program within a frequency range accurately and store the result manually.
AFC: Press ◄/► button to set the Automatic Frequency Control to On or Off.
Search: Press ◄/► button to start search.




**Programme Edit:** Press ▲/▼ button to move the high-lighted bar. Press the colored short-cut keys to do the editing operations, and press MENU button to stop the editing work.

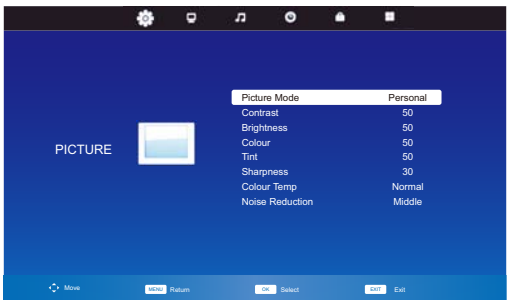
Note:
Before doing editing operations, make sure the channel list is not an empty one.

This option has five functions:
1. Press Red button to delete the current channel.
2. Press Green button to rename the current channel (For ATV only).
3. Press Yellow button and ▲/▼ button to move the current channel.
4. Press Blue button to skip the current channel.
5. Press FAV button to set the current channel to your favorite channel, there will be a red heart at the behind of the channel selected. If the current channel is already be one of your favorite channel, press it again will set it to a normal one.
You can call out the channels from the “Favorite List” by pressing FAV button while enjoying TV program.




**Signal Information (For DTV only):** This menu displays signal details, including Channel, Frequency, Quality and Strength.

## 2 PICTURE MENU




The image on the left depicts the picture menu.
The definition of each option:

**Picture Mode:** Changes the picture mode in sequence: Dynamic → Standard → Mild → Personal. You may select the picture mode by pressing P.MODE button repeatedly.

**Contrast:** Changes the value of contrast with the key ◄/► in the range of 0 to 100.

**Brightness:** Changes the value of brightness with the key ◄/► in the range of 0 to 100.

**Colour:** Changes the value of colour with the key ◄/► in the range of 0 to 100.

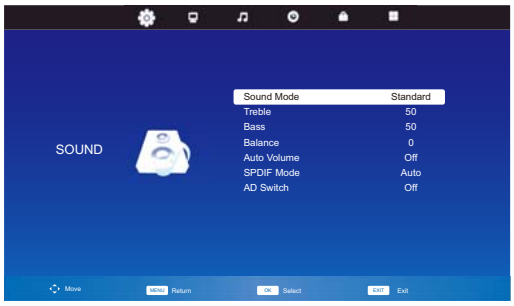
**Tint:** Changes the value of tint with the key ◄/► in the range of 0 to 100 (For NTSC signal only).

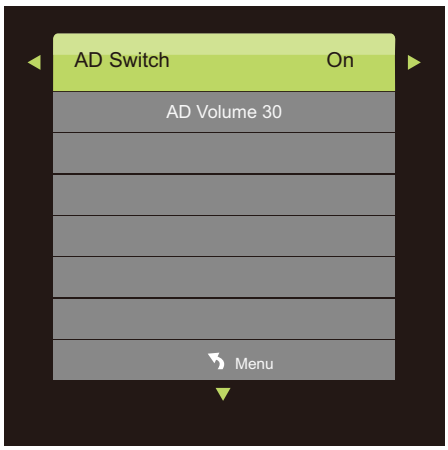
**Sharpness:** Changes the value of sharpness with the key ◄/► in the range of 0 to 100.

**Colour Temp:** Changes the colour temperature in sequence: Cold → Normal → Warm.

**Noise Reduction:** Changes the picture noise reduction in sequence: Off → Low → Middle → Default.

## 3 SOUND MENU




The image on the left depicts the sound menu.
The definition of each option:

**Sound Mode:** Changes the sound mode in sequence: Standard → Music → Movie → Sports → Personal. You may select the sound mode by pressing S.MODE button repeatedly.

**Treble:** Changes the value of treble with the key ◄/► in the range of 0 to 100.

**Bass:** Changes the value of bass with the key ◄/► in the range of 0 to 100.

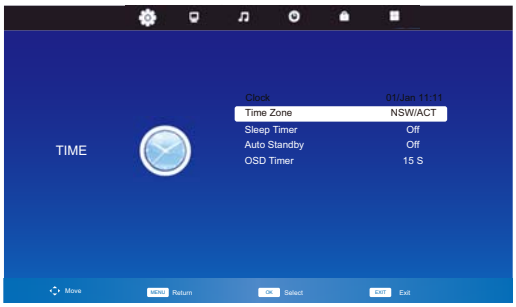
**Balance:** Changes the value of balance with the key ◄/► in the range of -50 to +50.

**Auto Volume:** Changes the auto volume mode to “On” or “Off”.

**SPDIF Mode:** Changes the SPDIF mode in sequence: Auto → Off → PCM.

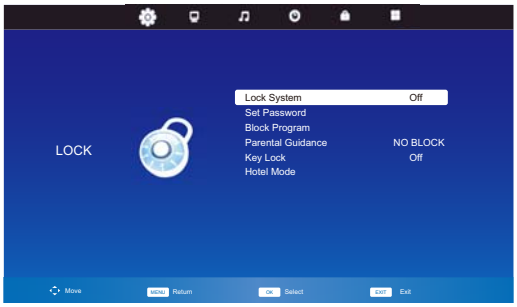
**AD Switch (For DTV only):** Press ▲/▼ button to this position, then press ► or OK button to enter. Press ◄/► button to select the audio descriptor to On or Off as well as adjust the volume of the AD.

## 4 TIME MENU

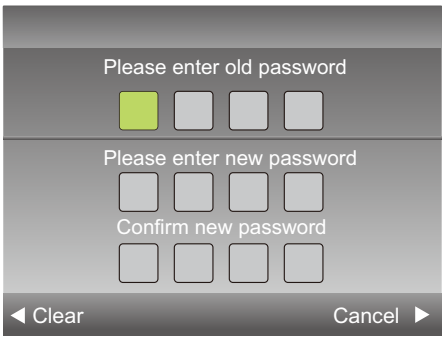



The image on the left depicts the time menu.
The definition of each option:
**Clock (For DTV only):** Display the current system time. It's not available.
**Time Zone (For DTV only):** Press ▼/▲/◄/► button to set the proper time zone according to your region.
**Sleep Timer:** Set the sleep timer to put automatically the TV in standby mode. Timer can be selected as 10, 20, 30, 60, 90, 120, 180, 240 and 0 Min(Off). You may select the sleep timer by pressing SLEEP button repeatedly.
**Auto Standby:** The options are Off, 3 H, 4 H, 5 H. You can set the main unit to turn off automatically when there is no signal in a preset time (1 minute while the input source is "PC").
**OSD Timer:** Changes the OSD timer as 5 S, 10 S, 15 S, 20 S, 25 S, 30 S.

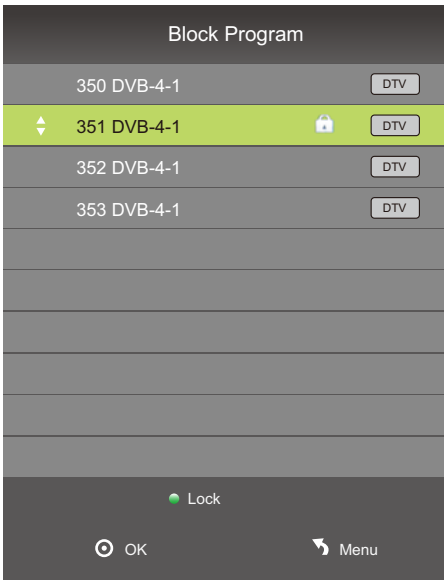
## 5 LOCK MENU



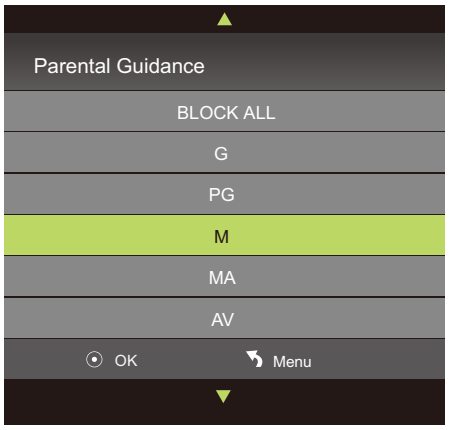

The image on the left depicts the lock menu.
The definition of each option:
**Lock System:** Press ▲/▼ button to select Lock System, then press ► or OK button to select On or Off which enables or disables below lock functions.
Password: Enter the default password "0000" to go to the LOCK function menu if you have set Lock System to On.
**Set Password:** Set a new password.
**Block Program:** Add or release a lock to some special program. When watch a locked program, a dialogue box appears. You should enter the correct password. The initial password is "0000".
**Parental Guidance (For DTV program only):**
Set the parental guidance level.
**Key Lock:** Set to On, the keypads on the main unit cannot work.
**Hotel Mode:** Set the hotel mode function.



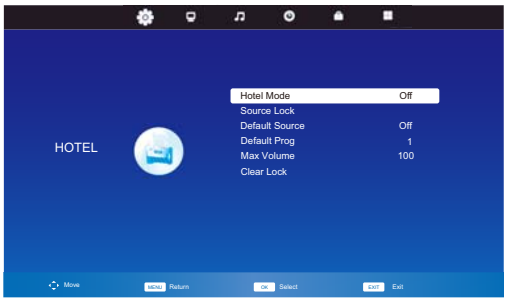

**Set Password:** You can change the password by entering the old and a new password and then re-entering it to confirm the new one.




**Block Program:** Press Green button to lock the desired channel, press it again to unlock it.

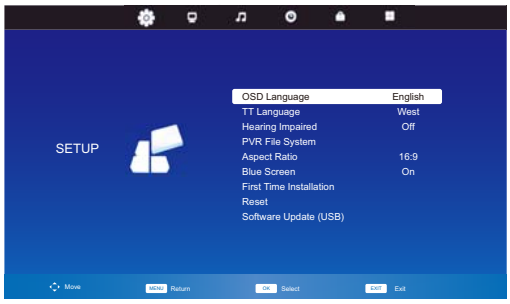



**Parental Guidance (For DTV program only):** Press ▲/▼ button to set the parental guidance level.

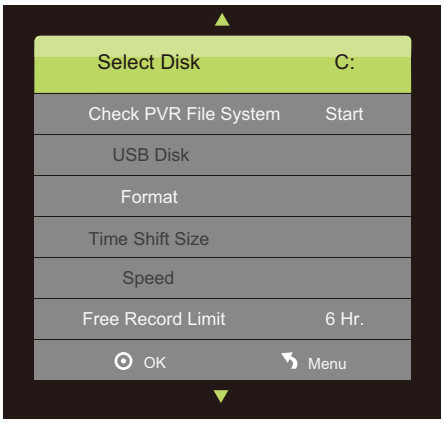



**Hotel Mode:** Have the priority than other options below. To set below options, this item must be set to “On” firstly.
**Source Lock:** To set the input source item which you want to be locked.
**Default Source:** To set the default input source when you open the TV main unit.
**Default Prog:** To set the default ATV channel program when you power on the TV.
**Max Volume:** To set the maximum volume value.
**Clear Lock:** To clear all the locks.

## 6 SETUP MENU



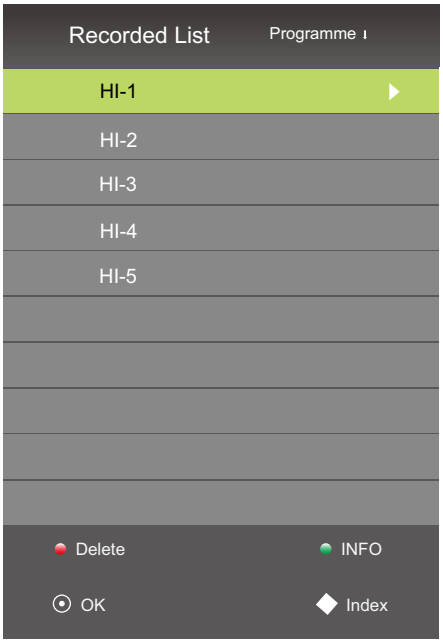

The image on the left depicts the setup menu.
The definition of each option:
**OSD Language:** Changes the OSD language as English→Spanish→French→Italian→German.
**TT Language:** Set the teletext language.
**Hearing Impaired (For DTV only):** Changes the hearing impaired mode to “On” or “Off”.
**PVR File System (For DTV only):** To check the USB connected and provide with the recording function.
**Aspect Ratio:** Changes the aspect ratio in sequence: Auto→4:3→16:9→Zoom 1→Zoom 2→Just Scan. (“Just Scan” is panoramic display, so black edging may appear according to the data rate. “Auto” and “Just Scan” may be not available in some sources.)
**Blue Screen:** Set to “On”, blue screen displays; set to “Off”, blue screen disappears.
**First Time Installation:** Set relevant options including OSD Language and Channel Tuning. Please refer to P8 for concrete operations.
**Reset:** To set all the options to factory setting (Set this option only when it is necessary).
**Software Update (USB):** To update software by using USB.




**PVR File System (For DTV only):** Firstly insert USB device to the USB1 port, and press ▲/▼ button to choose “Check PVR File System”, then press OK button to start checking. This process needs some seconds. If it finishes, the word “SUCCESS” will be shown after “Check PVR File System”, and the speed will be shown on the menu as well. Now you can record and save the DTV programme.

**Note:** Hard disk with self-contained power is suggested to be used.

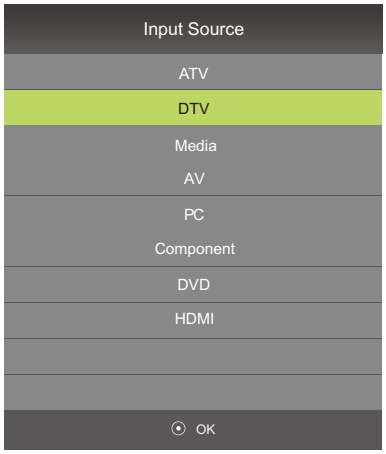
Press ● button on the remote control to start recording the programme. "▶" mark appears at the top left corner of the TV screen, and the title bar appears at the bottom which includes the recording information. You can press ◄/► button to select one function you want to run, then press OK button to operate.
Press EXIT button to hide the title bar.
You can press relevant buttons on the remote control to perform such functions directly.



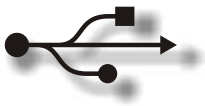

Press REC.LIST button to display the recorded list.
Press ▲/▼ button to select the desired one, then press OK button to play the recorded programme.

Press Red button to delete the current list.
Press Green button to show the list's information.
Press INDEX button to sort all the programs according to Programme, Channel or Time.

## SOURCE




1. Press SOURCE button to change from ATV to other available inputs.
2. Press ▲/▼ button to select signal source.
3. Press OK or ► button to confirm.
4. Press EXIT button to exit signal souce menu.



# USB Operation

## Basic operation

Before operating Media menu, plug in USB device in USB1 port, then press SOURCE button to set the input source to Media.
Press ▲/▼ button to select Media in the source menu. then press OK or ► button to enter.
Press ◄/► button to select the submenu: PHOTO, MUSIC, MOVIE or TEXT, and press OK button to confirm.

## Supported USB format

This product can play the following formats of USB.

| Mode Type | Supported Format |
|---|---|
| PHOTO | PNG / JPEG / BMP |
| MUSIC | WMA / MP3 |
| MOVIE | AVI / DAT / MP4 / MPG |
| TEXT | TXT |

## USB menu

**PHOTO**

Press ◄/► button to select “PHOTO”, then press OK button to enter.

Press ◄/► button to select “Return” option to back to the previous menu. Select “C” option to enter.

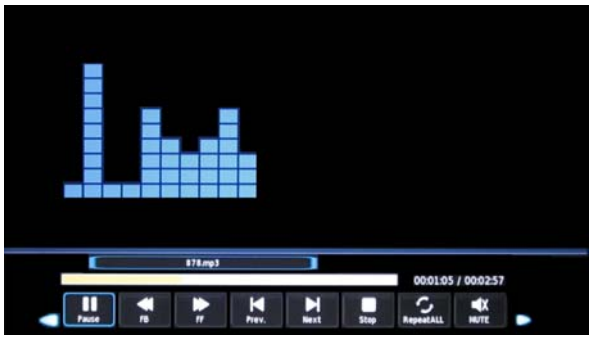
Press ◄/► button to select the file you want to watch in the file selecting menu.
When highlighting the option you select, the file information will appear on the right and picture will be previewed in the center.

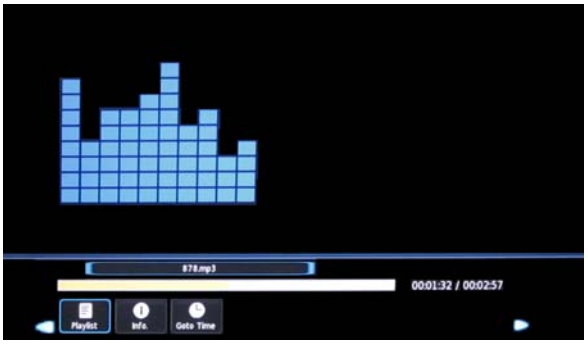
Press OK button to start a slideshow.
Press Red button then select “Yes” or press OK button to delete the file selected.
Press INFO button to show the menu in the bottom, and you can press ◄/► button to select one function you want to run, then press OK button to operate.
Press EXIT button to return to the main menu.
You can press relevant buttons on the remote control to perform such functions directly.
► II button: Pause or resume playing.
I◄◄/►►I button: Skip to previous or next picture.
■ button: Stop playing and return to the main menu.

**MUSIC**

Press ◄/► button to select “MUSIC”, then press OK button to enter.

Press ◄/► button to select the file you want to listen in the file selecting menu.
When highlighting the option you select, the file information will appear on the right and song will be played automatically.




Press ◄/► button to select one function in the bottom you want to run, then press OK button to operate. Press EXIT button to return to the main menu.
You can press relevant buttons on the remote control to perform such functions directly.
►❚❚ button: Pause or resume playing.
I◄◄/►►I button: Skip to previous or next music.
◄◄/►► button: Fast backward or forward.
■ button: Stop playing and return to the main menu.

**MOVIE**

Press ◄/► button to select “MOVIE”, then press OK button to enter.

Press INFO button to show the menu in the bottom, and you can press ◄/► button to select one function you want to run, then press OK button to operate. Press EXIT button once to exit the menu in the bottom, press it again to return to the main menu.
You can press relevant buttons on the remote control to perform such functions directly.

The basic operations are the same as “MUSIC”.

## TEXT

Press ◄/► button to select “TEXT”, then press OK button to enter.

Press ◄/► button to select the file you want to watch in the file selecting menu.
When highlighting the option you select, the file information will appear on the right and text will be previewed in the center.
Press OK button to start to view the text in full screen.
Press INFO button to show the menu in the bottom, and you can press ◄/► button to select one function you want to run, then press OK button to operate.
Press EXIT button to return to the main menu.
You can press relevant buttons on the remote control to perform such functions directly.

# DVD Operation

## Basic operation

1. Turn ON and OFF the DVD function

Turn on the LCD TV and then press **SOURCE** repeatedly to select DVD mode.

2. Insert Disc to DVD

Insert the Disc to the Disc slot (Data side of the disc has to face towards front of the unit), the player will load the disc automatically. there will be an on screen indication "**CLOSE**" then "**READ**". After loading the disc content,it will switch to play mode automatically. If the disc is already placed inside, the disc will be read automatically.

**NOTE:** For some discs, after loading the content of the disc, need to press ⏯ or select from the disc menu to start. Please make sure when inserting the Disc, the Data side of the disc should be facing you When inserting the Disc incorrectly, you may damage the DVD mechanism.

3. Play the DVD

According to the disc content, the disc menu will display for your selection. When playing the disc, you may use ⏯ button to toggle between Play and Pause mode. This product also supports Menu, Title, Sequential and Program playback.

4. Menu playback (for DVD/ super VCD and VCD 2.0 discs)

Press MENU button
For DVD discs, the screen will display the DVD Disc Menu (Root Menu)
For Super VCD & VCD2.0 discs, the screen will display the Super VCD, VCD2.0 Disc Menu (PBC: [OFF]) (Press the D.MENU button to display the PBC status).
Playback the Super VCD & VCD2.0 discs, the default PBC status is ON.
For DVD discs, use the navigation buttons to select and Play the highlighted contents; For Super VCD & VCD2.0 discs, use the numeric buttons to play your favorite content directly.
**NOTE:** PBC should be OFF.

Press **OK** or ⏯ button to start from the highlighted content.
Return to the Root Menu when playing the disc
For DVD discs, press D.MENU to display the Disc Menu.
For Super VCD & VCD2.0 discs, when PBC is ON, press D.MENU to display the Disc Menu.

**STOP**

Press ■ button once to stop. Press ⏯ button to resume from where you stopped.
Press ■ button Twice to stop. Press ⏯ button to start from beginning.
In order to protect the disc, press ■ button then press EJECT button to take the disc out. When the disc is ejected, hold the disc edge slightly and take it from the eject direction to prevent scratches.
When not using the DVD function (in stand-by mode or using others modes for a long time), please take out the disc to protect the DVD loader and the disc.

5. Title playback (for DVD disc only)

Press **TITLE** button, there will be an on screen indication "**TITLE**".
Press the direction or numeric buttons to select your favorite title.
Then will play from the first chapter of the selected title.

## Supporting DVD format

This products can play the following format of DVD disc.

| Disc Type | Disc Size (Diameter) | Recorded Time | Recorded Content | Remarks |
|---|---|---|---|---|
| DVD | 12cm | Single side:120mins. Approx<br>Double side:240mins. Approx | DVD format: Compressed digital audio and video | |
| Super VCD | 12cm | 45mins. Approx | MPEG2 Compressed digital audio and video | Include SVCD |
| VCD | 12cm | 74mins. Approx | MPEG1 Compressed digital audio and video | Include: VCD2.0/ VCD1.1 VCD1.0/ DVCD |
| CD | 12cm | 74mins. Approx | CD-DA: Digital audio | |
| HD-CD | 12cm | 74mins. Approx | HD-DA: Digital audio | |
| MP3/JPEG | 12cm | 600mins. Approx | Digital audio | |

**NOTE:** Also support DVD-R, CD-R, CD-RW playback.

WARNING! DO NOT INSERT OR PLAY 8CM DISC, THEY WILL GET STUCK.

Region Code All

As it is usual for DVD movies to be released at different times in different regions of the world, all players have region codes and discs can have an optional region code. If you load a disc of a different region code into your player you will see the region code notice on the screen. The disc will not playback and should be unloaded. The region code for this player is all (refer to the symbols below).

## DVD Functions operating instructions

1. Play (for DVD/ Super VCD/ VCD/ CD/ CD-G/HD-CD and Mp3/ JPEG discs/USB/CARD)

For DVD disc, press ⏯ button from root or title menu; while playing the DVD, you may play your favorite title directly with title selection by pressing the **TITLE** button.

For Super VCD & VCD discs, while playing the disc, you may play your favorite tracks by numeric buttons.

For CD, CD-G & HD-CD discs, while playing the disc, you may play your favorite tracks by numeric buttons.

For MP3 / JPEG disc, you may play your favorite tracks by numeric buttons from the content menu.

If input track number is not valid, it will not function.

**NOTE**: From track 1-10, use numeric buttons directly; For tracks over 10, press 10+ button first. (E.g. Track 15, press 10+ then 5)

2. Previous/Next (for DVD/ Super VCD/ VCD/ CD/ CD-G/HD-CD and Mp3/ JPEG discs/USB/CARD)

While playing the disc;

Press ⏮ button to play to the last Title / Chapter / track.

Press ⏭ button to play to the next Title / Chapter / track

For super VCD & VCD discs, in PBC OFF status;

If the current track is the first one, press ⏮ button will stop the playback.

If the current track is the last one, press ⏭ button will stop the playback.

For DVD discs, the above functions may vary due to different DVD disc's structure.

3. Forward/ Backward (for DVD/ Super VCD/ VCD/ CD/ CD-G/HD-CD and Mp3/USB/CARD)

While playing the disc, you may use forward or backward function.

There are 4 speeds for forward. Press ⏩ button to toggle between different speeds in sequence. (FORWARDx2 / FORWARDx4 / FORWARDx8 / FORWARDx20 / Play).

While in backward, you may press ⏯ to resume normal speed.

For CD, HD-CD, MP3, backward also has audio output (only for BACKWARDx2).

For DVD discs, if backward to first title / chapter, it will start from the beginning.

For Super VCD & VCD discs, in PBC ON status, if backward to the first track, it will start from the beginning.

**NOTE:** During Forward or Backward, the sound will be off.

4. Pause (for DVD/ Super VCD/ VCD/ CD/ CD-G/HD-CD and Mp3/ JPEG discs/USB/CARD)

FOR CD, CD-G, HD-CD & MP3/JPEG discs, press ⏯ button to pause; press ⏯ button to resume.

FOR DVD, Super VCD, VCD discs, press ⏯ button to pause; press ⏯ button to resume.

5. Repeat (for DVD/ Super VCD/ VCD/ CD/ CD-G/HD-CD and Mp3/ JPEG discs/USB/CARD)

Press **REPEAT** button once to display the current repeat mode.

For Super VCD, VCD, CD, CD-G, HD-CD, discs, while playing in sequent, you may use the repeat playback.

There are 2 repeat modes, press **REPEAT** to toggle between different modes in sequence. (REPEAT (OFF)/ REPEAT (1) /REPEAT (ALL)).

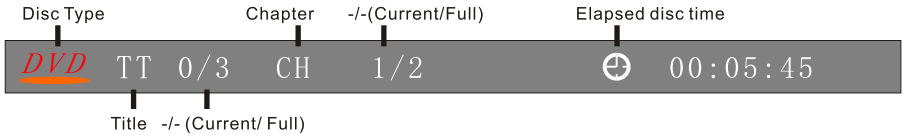
For DVD discs, you may setup the repeat playback mode. There are 3 repeat modes, press **REPEAT** to toggle between different modes in sequent. (REP: (OFF) / REP: (CHAPTER) / REP: (TITLE) / REP: (ALL)).

For MP3 / JPEG discs, while playing the disc, you may use the repeat playback. There are 3 repeat modes, press **REPEAT** to toggle between different modes in sequent. (REPEAT (OFF) / REPEAT (1) / REPEAT (DIR) / REPEAT (ALL)).

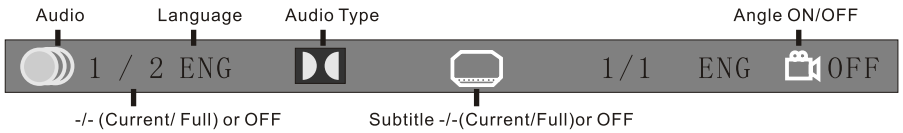
6. INFO (for DVD/ Super VCD/ VCD/ CD/ CD-G/HD-CD and Mp3/ JPEG discs/USB/CARD)

Press INFO button to activate the on screen roll-down menu for the current Title, Chapter, time and other information

For DVD discs, (2 pages) Press INFO button once to display first page as shown below:




Press the INFO button again to display the second page shown below:




Press INFO button again to turn off the on screen display.

For Super VCD discs, (2 pages),Press INFO button once to display first page: Disc type, Track -/- (Current/ Full), Mute status, PBC status, Repeat mode status, Current track time. Press INFO button again to display second page:Audio-/--(Current/Full) or OFF, Audio type, Subtitle-/-(Current/Full) or OFF.
Press **INFO** button again to turn off the on screen display.

For CD, CD-G, HD-CD, MP3 / JPEG discs, Press **INFO** button once to display first page: Disc type, Track -/- (Current / Full), Mute status, Repeat mode status, Current track time.
Press INFO button again to turn off the on screen display.

## 7. Goto (for DVD/ Super VCD/ VCD/ CD/ CD-G/HD-CD and Mp3/ JPEG discs/USB/CARD)

This function allows you to play your favorite Title / Chapter / track. Press **GOTO** button to activate the on screen scroll- down menu for edit. According to the highlighted area, input your favorite Title / chapter / Track number by numeric buttons or input the playback time. After editing, press **OK** to start. If the input is in valid, it will not function.
**NOTE:** While editing, the **GOTO** button does not function
If it is in PBC ON status, this function will switch it to OFF.

## 8.Audio(For VCD/ CD/ CD-G/HD-CD and Mp3/ JPEG discs/USB/CARD)

Press Audio button once to display current audio mode.
Press again to toggle between different audio modes in sequence.
For CD/VCD/MP3/HD-CD discs:(stereo/monoL/monoR/MIXMONO)

**Note:** Switching to Auto L / R audio channel may be varied due to different discs contents. Bilingual VCD discs can use Audio button to switch between different languages.

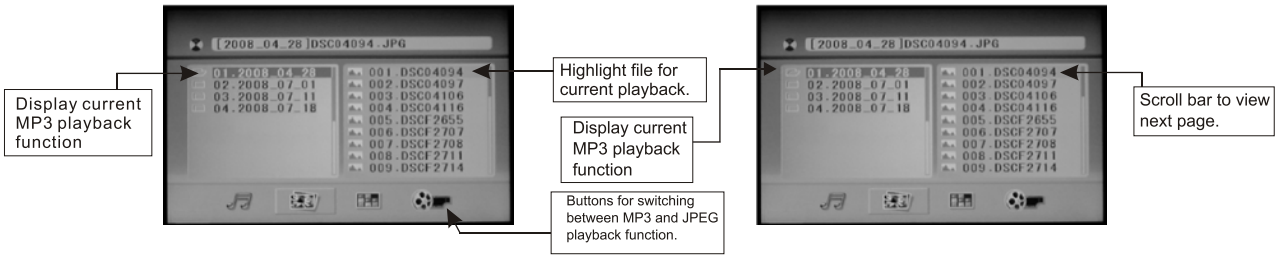
9. Mute (for DVD/ Super VCD/ VCD/ CD/ CD-G/HD-CD and Mp3/ JPEG discs/USB/CARD)
Press **MUTE** button to mute the audio output. there will be an on screen symbol indicate “MUTE”.
Press again to cancel, or Press VOL+ to cancel and adjust the volume.
In case there is no audio output, try to press MUTE button to cancel mute.

10. Repeat A- B (for DVD/ Super VCD/ VCD/ CD/ CD-G/HD-CD and Mp3 discs/USB/CARD)
When playing DVD ,VCD,CD disc,press the A-B buttonto repeat a certain content.Press the A-B button on the start point (A)and the ending point(B)to select the repeat part.Press the A-B button a third time to cancel the A-B repeat function and return to normal play.

11. Volume (for DVD/ Super VCD/ VCD/ CD/ CD-G/HD-CD and Mp3/ JPEG discs/USB/CARD)
Press VOL+ / VOL - buttons to adjust the output volume.

## MP3/JPEG/USB/CARD Playback

After loading the MP3 /JPEG/USB/CARD disc, it will start to scan for the stored MP3 /JPEG/USB/CARD folders.
Then will firstly display the MP3 contents automatically and start to play the first file (highlighted file). Screen as follow:


Display current MP3 playback function
Highlight file for current playback.
Display current MP3 playback function
Buttons for switching between MP3 and JPEG playback function.
Scroll bar to view next page.

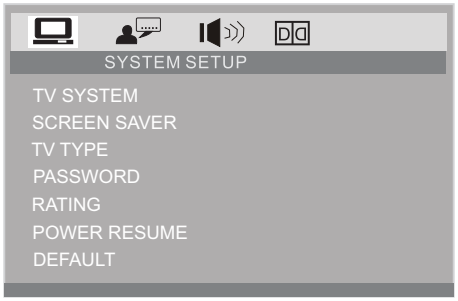
Using the navigation buttons to check you favorite folder and playback the first file or move to the your favorite file.
**NOTE:**
Press◀ ▶buttons to move the highlight to folders, documents or mode selection.
Press numeric buttons to select the contents directly. For number over 10, press -/-- button first. (e.g.
File number 15, press -/-- then 1 and 5.)
When playing MP3 files, there is no picture display, only audio output.

When playing or pausing with picture playback, you may use navigation butons to flip / rotate the picture.
▲ button to flip horizontally.
▼button to flip vertically.
◀ button to rotate left 90°.
▶ button to rotate right 90°.

When playing or pausing with picture playback, you may use D.MENU button to enter preview mode to display 12 pictures. Press ⏮ / ⏭button to select next / previous page or press numeric buttons to view the corresponding pictures.
The maximum JPEG image size that can be displayed is 1280 x 1024.

# Function Settings

## DVD Function General setup



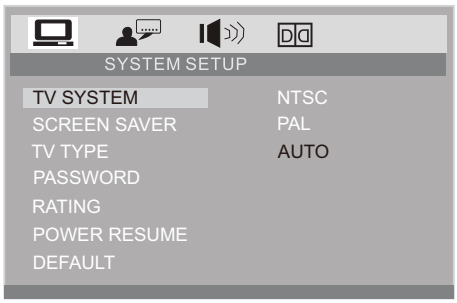

- Press **DVD.SETUP** button to activate the DVD player OSD menu;

- Press ◀/▶ button to move and highlight between different sub-menu. Press ▲/▼ OK button to enter the highlighted sub-menu.

- Press **DVD.SETUP** button to exit the OSD menu.

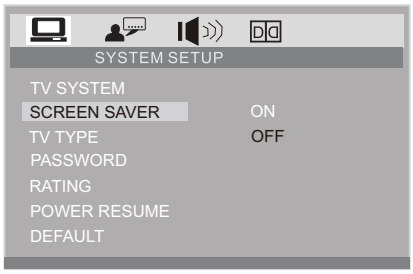
**NOTE**: In Setup mode, the disc playback functions will be cancel or pause.

## System Setup




**TV color system**
This menu enables you to set the picture format for your TV/DVD.
**NTSC**
This format is used by some other countries, e.g. USA.
**PAL**
This is the format used in Australia.
**AUTO**
This format can be used if your TV/DVD is capable of both PAL and NTSC formats.

**NOTE:** Check your TV user guide for supported formats.
If NTSC is selected with a non-compatible television you may experience interference or picture scrolling.




**Screen Saver**

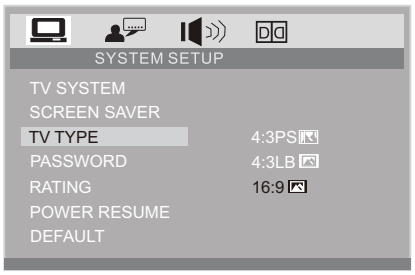
Press▲&▼button to select Screen Saver ON or OFF .
Press **OK** button to confirm.

**Power Resume**

If enabled this function allows to continue the playback of a film (DVD) even after switch off or remove of a disk.The player stores all settings like play position or used language and continues playback with these settings after the disk was reinserted.This function will be enabled or disabled via the setup-menu of the DVD-player.

**TV Type**

DVDs are produced in a variety of screen aspect ratios. This menu enables you to select one of the three aspect ratios:




- 4:3 PS (Normal)
- 4:3 LB (Normal)
- 16:9 (Wide)

- Select the most appropriate aspect ratio for the DVD being viewed.

4:3PS (Normal)

Normal Pan and Scan is used for most normal television broadcasts and it is the default setting. It has an aspect ration of 4:3. If you select this setting when viewing a DVD the picture will fill the screen but, you will not see the left and right edges of the picture.

4:3LB (Normal)

Normal Letter Box will show the DVD in its original aspect ratio so depending on the size of your television screen, you may see black borders above and below the picture.

16:9 (Wide)

Choose this setting if you have a widescreen television.

**NOTE:**

- Playback screen size may vary according to the discs contents.
- For discs with 4:3 contents, using any mode would only display a 4:3 screen
- Screen ratio selection should be according to the connected TV / Display aspect ratio.

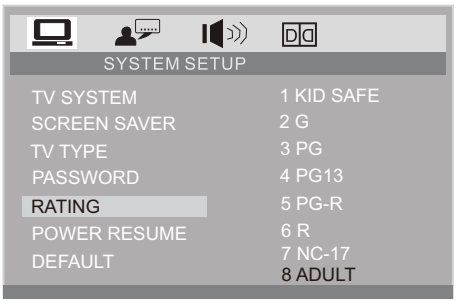
**Password**

- The default setting is locked. No Rating selection or change password could be done. To edit the Rating setting, please enter default password "0000" by numeric button, then press **OK** button to confirm.

- To change password, input any 4 digit number when the lock is unlocked. Once the 4 digit number is entered, that will be your new password.

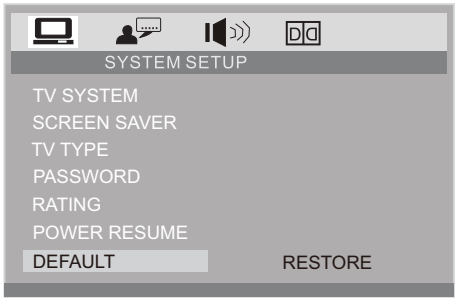
**Rating**

- Playback for some discs with rating, you can select the rating setting according to your preference. Rating restriction divided in eight different category from KID SAFE to ADULT.




**NOTE:**
Only editable when password is unlocked. And only can function when password is locked. It does not, however, reset either the Password or the Rating setting.

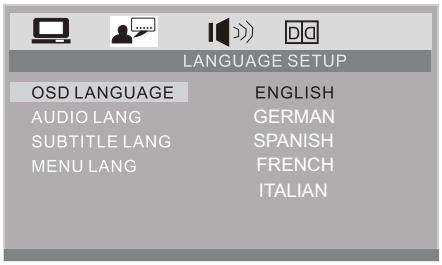
**Default Setting**




- Press **OK** button to restore factory default.

## Language Setup

Press **DVD SETUP** button to enter the DVD OSD menu.




**OSD Language**
Use navigation buttons to select the OSD LANGAUGE setup icon, press OK button to confirm. There are 5 languages for your selection, press▲/▼buttons to toggle between different languages ENGLISH/GERMAN/ SPANISH/FRENCH/ ITALIAN.

**NOTE:** If the selected language is not included in you DVD disc content, it will select the default language of the disc automatically. The default language setting is English.

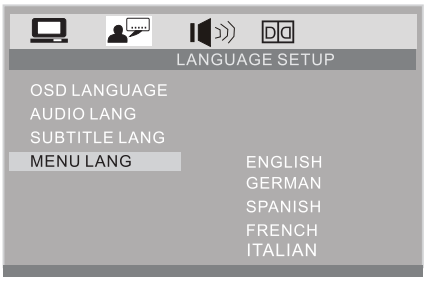
**Audio Language**
Use navigation buttons to select the **AUDIO LANG** setup icon, press **OK** button to confirm. There are 5 languages for you selection, press▲/▼buttons to toggle between different languages. ( ENGLISH/GERMAN/ SPANISH/FRENCH/ITALIAN). Press **OK** button to confirm.

**NOTE:** If the selected language is not included in you DVD disc content, it will select the default language of the disc automatically. The default language setting is English.

**Subtitle Language**
Use navigation buttons to select the **SUBTITLE LANG** setup icon, press **OK** button to confirm. There are 5 languages for you selection, press▲/▼buttons to toggle between different languages. (ENGLISH/GERMAN/ SPANISH/FRENCH/ITALIAN/OFF). Press **OK** button to confirm.

NOTE: If the selected language is not included in you DVD disc content, it will select the default language of the disc automatically. The default language setting is English.

**MENU Language**

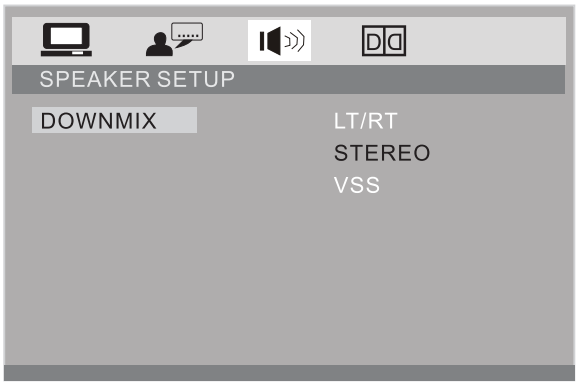



Use navigation buttons to select the MENU LANG setup icon, press OK button to confirm. There are 5 languages for you selection, press ▲/▼buttons to toggle between different languages.
Press OK button to confirm.

## Speaker Setup

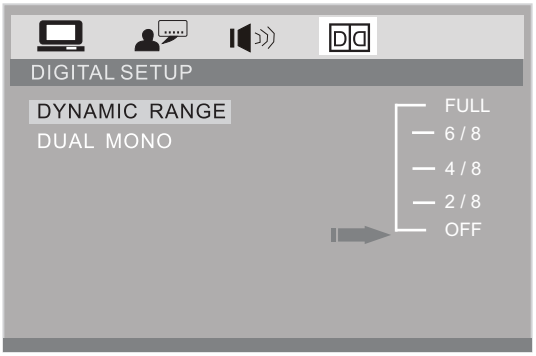
**Downmix**

Use the ▲/▼buttons to adjust the Downmix setting.



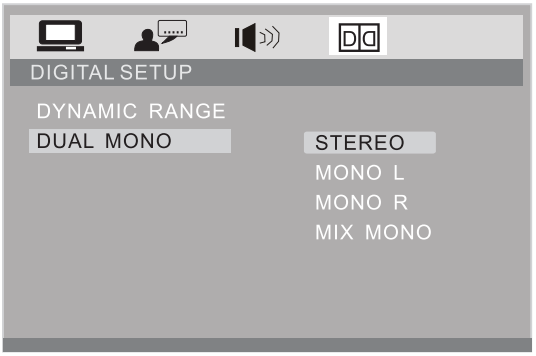
# Dolby Digital Setup

**Dynamic Range**




Moving the dynamic range switch changes the compression of the audio output signal, the lower the compression the louder the volume will be

**Dual Mono**




You can select four different audio output, STEREO,MONO L, MONO R, MIX MONO. The audio out description of these Selections is shown in the table below.

| MODE | LEFT SPEAKER | RIGHT SPEAKER |
|---|---|---|
| STEREO | STEREO-L | STEREO-R |
| L-MONO | L-MONO | L-MONO |
| R-MONO | R-MONO | R-MONO |
| MIX-MONO | L-MONO+R-MONO | L-MONO+R-MONO |

# Trouble shooting

Before contrast the service technician, perform the following simple checks. If any problem still persists, unplug the LCD TV and calling for assistance.

| PROBLEM | POSSIBLE SOLUTION |
|---|---|
| No sound and picture | - Check that the main plug has been connected to a wall outlet.<br>- Check that you have pressed the POWER button on the front of the TV set.<br>- Check the picture contracting and brightness settings. |
| Normal picture but no sound | - Check the volume.<br>- Sound muted? Press the MUTE button.<br>- Try another channel the problem may be with the broadcast.<br>- Are the audio cables installed properly. |
| The remote control does not work | - Check to see if there any object between the product and remote control Causing obstruction .<br>- Are the batteries installed with correct polarity(+ to +,- to -).<br>- Correct remote operating mode set: TV, VCR etc.?<br>- Install new batteries |
| Power is suddenly turned off | - Is the sleep timer set.<br>- Check the power control settings. Power interrupted.<br>- Unplug the TV for one minute then reconnect it and try again. |
| Picture appears slowly after switching on | - This is normal, the image is muted during the product startup process. Please contact your service center, if the picture has not appeared after five minutes. |
| No or poor color or poor picture | - Adjust the color in menu option.<br>- Keep a sufficient distance between the product and the VCR.<br>- Try another channel, the problem may be with the broadcast.<br>- Are the VIDEO cables installed properly? |
| Horizontal/vertical bars or picture shaking | - Check for local interference such as an electrical appliance or power tool. |
| Poor reception on some channels | - Station or cable product experiencing problems. Tune to another station.<br>- Station signal is weak, reorient antenna.<br>- Check for sources of possible interference. |
| Lines or streaks in pictures | - Check the antenna(Change the direction of the antenna). |
| No output from one of the speakers | - Adjust balance in the menu option. |

NOTE: There is a problem in VGA mode.(Only VGA mode applied)

| PROBLEM | POSSIBLE SOLUTION |
|---|---|
| The signal is out of range. | - Adjust resolution, horizontal frequency, or vertical frequency.<br>- Check it whether the signal cable is connected or loose.<br>- Check the input source. |
| Vertical bar or stripe on back ground&Horizontal Noise&Incorrect position. | - Work the auto configure or adjust clock, phase, or H/V position. |
| Screen color is unstable or single color. | - Check the signal cable.<br>- Reinstall the PC video card. |

# Maintenance

Early malfunctions can be prevented. Careful and regular cleaning can extend the amount of time you will have your new TV. Be sure to turn the power off and unplug the power cord before you begin any cleaning.

### Cleaning the screen

1. Here' s a great way to keep the dust off your screen for a while. Wet a soft cloth in a mixture of lukewarm water and a little fabric softener or dish washing detergent. Wring the cloth until it's almost dry, and then used it to wipe the screen.

2. Make sure the excess water is off the screen, and then let it air-dry before you turn on your TV.

### Cleaning the cabinet

To remove dirt or dust, wipe the cabinet with a soft, dry, lint-free cloth. Please be sure not to use a wet cloth.

### Extended Absence

If you expect to leave your TV dormant for a long time(such as a vacation), it's a good idea to unplug the power cord to protect against possible damage from lightning or power surges.

# Specifications

| Panel Features | |
|---|---|
| Screen Size | 21.5 inch |
| Active Area | 476.64mm (H) X 268.11mm (V) |
| Aspect Ratio | 16:9 |
| Panel Resolution | 1920 X 1080 |
| Brightness | 250 cd/m² |
| Contrast Ratio | 1000:1 |
| Viewing Angle | 170 °(H) X 160 ° (V) |
| Dot Pitch | 0.24825mm (H) X 0.24825mm (V) |
| Maximum Colour | 16.7M |
| Response Time Black-White (R&D) | 5ms |
| **OSD Languages** | |
| English, French，Spanish，German，Italian | |
| **TV Function** | |
| Broadcast System | PAL/DVB-T |
| Receiving Channel | B/G |
| **Video Standards Supported** | |
| Composite Video input | NTSC / PAL |
| Antenna (RF) | PAL / DVB-T |
| **Audio Output** | |
| Maximum Audio Output | 2 (5W, 4 Ohm) |
| **Input Connections** | |
| TV Input (Digital tuner/Analog tuner) | 1 (RF - 75 Ohm) |
| YPbPr Input | 1 Component (3pin) |
| VGA Input | 1 (15 pin D-Sub) |
| AV Input | 1 Composite(Yellow RCA) |
| L+R Audio Input (For YPBPR, AV) | 1 (White RCA,Red RCA) |
| PC Audio in | Stereo Mini Phono Jack Input (3.5mm) |
| HDMI Input | 1 (19 pin ) |
| USB Input | 2 |
| **VGA Resolutions Supported** | |
| 640x480 @ 60Hz | |
| 800x600 @ 60Hz | |
| 1024x768 @ 60Hz | |
| 1920x1080 @ 60Hz | |
| **Power** | |
| Power | AC 100V - 240V~ 50 / 60Hz |
| TV Power Input | DC 12V 5A |
| Power Consumption | 50W |